10/539032

JC17 Rec'd PCT/PTO 13 JUN 2005

Sequence Listing.txt SEQUENCE LISTING

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<130)> 44	139-4	1034													
)> TE L> TE															
		P P2()02-1			L4											
<160)> 30)														
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<212	L> 21 2> Di		s nor	rvegi	icus											
	C C	os (11)	(19	562)												
<400		-tt (-taa1	rtaga	aa ac	naact	aaaa	ı cto	agag	ictc	cado	aaco	ct o	aacaa	aaagc	60
_	-			_										atg g		116
-99						-9	-99	,		-9	3333	, 5 :	١	Met 0	ร์ใน	
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gag Glu	acc Thr 20	cca Pro	ggg Gly	aag Lys	aat Asn	ggg Gly 25	ctg Leu	cag Gln	gcc Ala	aca Thr	tcg Ser 30	agt Ser	gac Asp	caa Gln	gtg Val	212
gga Gly 35	aga Arg	aca Thr	ctg Leu	cgc Arg	tgg Trp 40	ttc Phe	acc Thr	act Thr	gtg Val	gtt Val 45	ctg Leu	aat Asn	gct Ala	gct Ala	ttc Phe 50	260
ctg Leu	gga Gly	atg Met	gga Gly	gtg Val 55	agc Ser	gct Ala	gct Ala	gtg Val	ctg Leu 60	gga Gly	ccc Pro	aca Thr	ttt Phe	cca Pro 65	gac Asp	308
ctg Leu	gcc Ala	aga Arg	aac Asn 70	gtg Val	aac Asn	cgg Arg	aac Asn	atc Ile 75	agc Ser	agc Ser	ctt Leu	tcc Ser	gaa Glu 80	atc Ile	ttc Phe	356
gtg Val	ggc Gly	cga Arg 85	gcc Ala	ctc Leu	ggc Gly	tac Tyr	ctg Leu 90	ggc Gly	ggc Gly	tct Ser	gtg Val	gtt Val 95	ggt Gly	ggg Gly	gtg Val	404
ctt Leu	ttc Phe 100	gac Asp	tgc Cys	atg Met	aat Asn	cat His 105	ttt Phe	cta Leu	ctt L e u	ttg L eu	ggg Gly 110	ctg Leu	tcc Ser	cac His	ctg Leu	452
ctt	act	gcg	gcc	ggt	ctt	tac	ctc	act		ttc Page		aaa	aca	gct	gcc	500

Leu 115	Thr	Ala	Аlа	Gly	Leu 120	Tyr	Leu	Seq: Thr	uence Pro	Phe 125	sting Cys	g.tx Lys	t Thr	Ala	Ala 130	
tta Leu	ctg Leu	act Thr	gcc Ala	atg Met 135	atg Met	tct Ser	att Ile	acc Thr	ggt Gly 140	gtc Val	tca Ser	ttt Phe	ggt Gly	gtt Val 145	ctg Leu	548
														aaa Lys		596
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														aaa Lys		884
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ctg Leu 275	cta Leu	tgc Cys	ctc Leu	ctc Leu	ttc Phe 280	ctc Leu	ttc Phe	ttc Phe	ttc Phe	ttc Phe 285	tac Tyr	gtg Val	gga Gly	gcg Ala	gag Glu 290	980
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tgt Cys 435	ctg Leu	ggc Gly	tca Ser	gca Ala	gta Val 440	tta Leu	aca Thr	act Thr	gtg Val	tta Leu 445	ttc Phe	cct Pro	gtg Val	atg Met	tat Tyr 450	1460
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gct Ala		tga	aaga	gga a	aggg	ga'aag	gg to	gtgaa	aagca	a ćg1	tgcg	cgcg	tgt	gtgc	gca	1612
tgca	cgcg	gca (cgcg [.]	taat	gg ti	tttg	ggt	g gt	taaaa	atga	agaa	atgg	gac :	attci	tctaat	1672
aaaa	atao	caa ·	taga	aatg	cc ti	ttata	ataa	c cca	atago	ctga	ggt	ctcta	aag	caact	tctcct	1732
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tgag	agat	tca a	atgt	aact	gc ca	agca	cctt	tte	catt	tcca	tgaa	agtga	aga	caca	gaacag	1972
aaat	agti	ttt	aaac	gtat	gc to	ctg	gggct	t gg	tgaga	atgg	ctta	agtg	gtt	aagag	gcactg	2032
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 $^{^{&}lt;\!400>}$ 2 Met Glu Phe Arg Gly Ser Gly Ala Thr Ala Val Glu Gln His Leu Leu 1 5 10 15 Gln Ser Glu Thr Pro Gly Lys Asn Gly Leu Gln Ala Thr Ser Ser Asp 20 25 30 Page 3

Gln Val Gly Arg Thr Leu Arg Trp Phe Thr Thr Val Val Leu Asn Ala 35 40 45 Ala Phe Leu Gly Met Gly Val Ser Ala Ala Val Leu Gly Pro Thr Phe 50 . 55 60 Pro Asp Leu Ala Arg Asn Val Asn Arg Asn Ile Ser Ser Leu Ser Glu 65 70 75 80 Ile Phe Val Gly Arg Ala Leu Gly Tyr Leu Gly Gly Ser Val Val Gly 85 90 95 Gly Val Leu Phe Asp Cys Met Asn His Phe Leu Leu Gly Leu Ser 100 105 110 His Leu Leu Thr Ala Ala Gly Leu Tyr Leu Thr Pro Phe Cys Lys Thr 115 120 125 Ala Ala Leu Leu Thr Ala Met Met Ser Ile Thr Gly Val Ser Phe Gly 130 135 140 Val Leu Asp Thr Gly Gly Asn Val Leu Ile Leu Asp Leu Trp Gly Asp 145 150 155 160 Lys Gly Ala Pro His Ile Gln Ala Leu His Phe Ser Phe Ala Leu Gly
165 170 175 Ala Phe Leu Ala Pro Leu Leu Ala Lys Leu Ala Trp Gly Thr Thr Ala 180 185 190 Ser Ala Gln Asn His Thr Glu Pro Gln Leu Asp Arg Ser Ala Leu Asn 195 200 205 Ser Phe Glu Ala Ala Ser Asp Ser Val Leu Ala Val Pro Asp Asp 210 220 Met Asn Leu Leu Trp Ala Tyr Ala Ser Ile Gly Thr Tyr Val Leu Val 225 230 235 240 Leu Ser Val Phe Leu Phe Ala Pro Phe Phe Lys Lys Arg Ser Lys Gln 245 250 255 Lys Lys Ser Ala Ala Ser Ala Gln Gly Ala Arg Arg Ala Lys Tyr His 260 265 270 Arg Ala Leu Leu Cys Leu Leu Phe Leu Phe Phe Phe Tyr Val Gly 275 280 285 Ala Glu Val Thr Tyr Gly Ser Tyr Val Phe Ser Phe Ala Thr Thr His 290 295 300 Val Gly Met Glu Glu Ser Glu Ala Ala Gly Leu Asn Ser Ile Phe Trp 305 310 315 320 Gly Thr Phe Ala Ala Cys Arg Gly Leu Ala Ile Phe Phe Ala Thr Leu 325 330 335 Leu Gln Pro Gly Thr Met Met Val Leu Cys Asn Ile Gly Ser Leu Ala 340 345 350 Ser Ser Phe Phe Leu Val Leu Phe Asp Lys Ser Pro Leu Cys Leu Trp 355 360 365 Page 4

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<210> <211> <212> <213>	20	
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<220> <223>	Description of Artificial Sequence:T7-1 reverse primer	
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<400> gagtt	9 gctta gagacctcag c	21
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Sequence Listing.txt <400> 10 aggtggtgta ctgctcaatc c 21 <210> 11 <211> 22 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence:T7-4 reverse <400> 11 22 tctgaggcgg cttcaaagga tc <210> 12 <211> 22 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence:T7-5 reverse primer <400> 12 22 aaaagcaccc caccaaccac ag <210> 13 <211> 20 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence: NaGLT1 sense <400> 13 20 tgggacccac atttccagac <210> 14 <211> 22 <212> DNA <213> Artificial Sequence <223> Description of Artificial Sequence:NaGLT1 antisense primer <400> 14 22 tctgaggcgg cttcaaagga tc <210> 15 <211> 22 <212> DNA

<213> Artificial Sequence

<223> Description of Artificial Sequence:Rat SGLT1

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	sense primer	sequence Listing.txt	
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